

CLAIMS:

1. A retaining wall fall protection system comprising:
 - a plurality of base plates;
 - a plurality of uprights connectable to the base plates;
 - cross-braces mountable between adjacent uprights;
 - guard rails mountable between adjacent uprights;
 - a stand-off assembly mounted to said uprights and having a standoff leg adapted to maintain a predetermined distance between the retaining wall and the uprights; and
 - an attachment mechanism attachable to the stand-off assembly and adapted to engage the retaining wall to temporarily fix said upright to the retaining wall.
2. The retaining wall fall protection system of claim 1 further comprising a leveling adjustment screw pivotally attached to each base plate and having a leveling adjustment nut threaded thereon for supporting said upright.
3. The retaining wall fall protection system of claim 1 comprising a coupling tube for connecting segments to form an upright of a desired height.
4. The retaining wall fall protection system of claim 1 comprising a guardrail bracket mountable to the upright; said guardrails being mountable to said guardrail bracket.
5. The retaining wall fall protection system of claim 4 wherein said guardrail bracket comprises a base mountable to the upright and at least one

toggle pin extending from the guardrail bracket base; said guardrail comprising an opening at at least one end thereof which is sized to fit over said toggle.

6. The retaining wall fall protection system of claim 1 wherein the standoff assembly comprises a base adapted to be secured to said upright; said standoff leg extending from said base, and an attachment dowel extending from said base;

said attachment assembly comprising an attachment strap having a first end and a second end; an eyelet in said first end sized and shaped to fit over said standoff assembly attachment dowel.

7. The retaining wall fall protection system of claim 7 wherein said attachment strap is adapted at its said second end to engage said retaining wall.

8. The retaining wall fall protection system of claim 8 wherein said attachment strap is of a length sufficient to pass through said wall; said attachment assembly comprising a retainer; said retainer cooperating with said second end of said attachment strap to urge a surface of said retainer against a back surface of said retaining wall.

9. The retaining wall fall protection system of claim 9 wherein said attachment strap includes a slot at its said second end; said retainer comprising a body comprising a top surface, a bottom surface, a front face surface adapted to engage said retaining wall, and an opening in said front face surface; said retainer body opening being sized to allow said attachment strap to pass therethrough; said retainer further including a wedge which is sized and shaped to be received in said attachment strap slot; said wedge engaging a surface of

said retainer and an edge of said attachment strap slot distal from said retainer surface to urge said retainer against said retaining wall.

10. The retaining wall fall protection system of claim 10 wherein said retainer body is generally elongate and comprises a back surface spaced from said front surface by said top and bottom surfaces; an opening in said back surface sized to allow said strap to pass therethrough; and aligned slots in said upper and lower surfaces of said retainer; said wedge passing through said slots and engaging a forward surface of said slots.

11. The retaining wall fall protection system of claim 11 wherein said retainer body slot forward surfaces are sloped; the slope of the slot surfaces corresponding generally to the slope of the wedge edges.

12. The retaining wall fall protection system of claim 10 wherein the block used to construct the wall is an open block having a horizontal surface extending between side surfaces; the retainer body being generally C-shaped and comprising an upper surface, a lower surface and a back wall; the forward surface of said back wall defining said retainer front face; said back wall having a height greater than the width of said block horizontal surface; said front face opening being positioned adjacent said retainer bottom surface.

13. An attachment assembly for securing an upright of a scaffolding system to a retaining wall comprised of a plurality of retaining wall blocks; the attachment assembly comprising:

an attachment strap adapted at a first end thereof to be removably connected to said upright and adapted at a second end to be connected to said wall.

14. The attachment assembly of claim 14 including a standoff bracket mountable to said upright; said standoff bracket assembly comprising a base adapted to be secured to said upright, a standoff leg extending from said base, and an attachment dowel extending from said base; said attachment strap having an eyelet in said first end sized and shaped to fit over said standoff assembly attachment dowel.

15. The attachment assembly of claim 14 wherein said attachment strap is of a length sufficient to pass through said wall; said attachment assembly comprising a retainer; said retainer cooperating with said second end of said attachment strap to urge a surface of said retainer against a back surface of said retaining wall.

16. The attachment assembly of claim 16 wherein said attachment strap includes a slot at its said second end; said retainer comprising a body comprising a top surface, a bottom surface, a block engaging surface adapted to engage said retaining wall, and an opening in said block engaging surface; said retainer body opening being sized to allow said attachment strap to pass therethrough; said retainer further including a wedge which is sized and shaped to be received in said attachment strap slot; said wedge having a first side edge which engages a surface of said retainer and a second side edge which engages

a surface of said attachment strap slot distal from said retainer surface to urge said retainer against said retaining wall.

17. The attachment assembly of claim 17 wherein said retainer body is generally elongate and comprises a back surface spaced from said block engaging surface by said top and bottom surfaces; an opening in said back surface sized to allow said strap to pass therethrough; and aligned slots in said upper and lower surfaces of said retainer; said wedge passing through said slots and engaging a forward surface of said slots.

18. The attachment assembly of claim 18 wherein said retainer body slot forward surfaces are sloped; the slope of the slot surfaces corresponding generally to the slope of the wedge edges.

19. The attachment assembly of claim 17 wherein said retainer is generally C-shaped and comprises an upper surface, a lower surface and a back wall; the forward surface of said back wall defining said block engaging surface; said back wall having a height greater than the width of said block horizontal surface; said opening being positioned adjacent said retainer bottom surface.